

08-02-01

Box 000

A

Express Mail No. EL721018377US

Date of Deposit August 1, 2001

Atty. Docket No. 060173-0014

(UMIP-003)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Clarke *et al.*

Filed:

August 1, 2001

Title:

ISOLATION AND USE OF SOLID TUMOR STEM CELLS

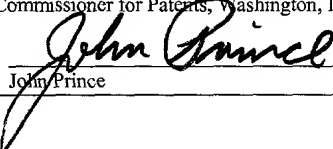
Atty. Docket No.:

060173-0014

CERTIFICATE OF MAILING (37 C.F.R. § 1.10)

"Express Mail" Mailing Label Number EL721018377USDate of Deposit August 1, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Box CPA, Assistant Commissioner for Patents, Washington, DC 20231.

Date: August 1, 2001
John Prince

Box PATENT APPLICATION

Assistant Commissioner for Patents

Washington, D.C. 20231

REQUEST FOR NEW UTILITY APPLICATIONUNDER 37 C.F.R. §1.53(b)

1. This is a request for filing a new nonprovisional application under 37 C.F.R. §1.53(b).
2. ☒ Specification (103 pages); Claims (30 pages); Abstract (1 page); Total (134 pages); with Sequence Listing (1 page).
3. ☒ Drawings - Number of Sheets 22 (Figs. 1 - 22)
☐ Formal
☒ Informal
4. ☒ Application Data Sheet (4 pages)

In re Application of:
Entitled

Clarke *et al.*
ISOLATION AND USE OF SOLID TUMOR STEM CELLS

5. Fee Calculation

CLAIMS AS FILED					
Claims	Number Filed	Basic Fee Allowance	Number Extra	Rate	Basic Fee 37 C.F.R. § 1.16(a) \$710.00
Total Claims (37 C.F.R. § 1.16(c))	185	- 20 =	165	\$ 18.00	\$ 2970.00
Independent Claims (37 C.F.R. § 1.16(b))	23	- 3 =	20	\$ 80.00	\$ 1600.00
Multiple Dependent Claim(s), if any (37 C.F.R. § 1.16(d))				\$270.00	0
Reduction by 50% for filing by small entity:					<u>-\$ 2640.00</u>
TOTAL FEE					\$ 2640.00

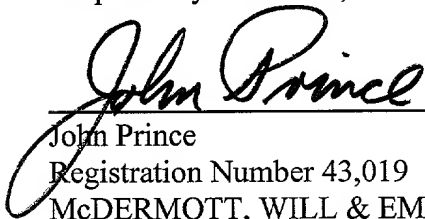
6. ☒ Claiming Small Entity Status
7. ☒ A check in the amount of \$ 2640.00 is enclosed.
8. ☒ The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Account No. 50-1133.
- ☒ Fees required under 37 C.F.R. § 1.16.
 - ☒ Fees required under 37 C.F.R. § 1.17.
 - ☒ Fees required under 37 C.F.R. § 1.18.
9. ☒ Sequence Listing (*see*, above).
- ☒ the Sequence Listing in Computer Readable Format
 - ☒ Statement Under 37 C.F.R. § 1.821 (1 page)

In re Application of:
Entitled

Clarke *et al.*
ISOLATION AND USE OF SOLID TUMOR STEM CELLS

10. ☒ Return Receipt Postcard enclosed.

Respectfully submitted,



Date: August 1, 2001

John Prince
Registration Number 43,019
McDERMOTT, WILL & EMERY
28 State Street
Boston, Massachusetts 02109
Tel. (617) 535-4435
Fax: (617) 535-3800

Express Mail No. EL721018377US
Date of Deposit August 1, 2001

Atty. Docket No. 060173-0014
(UMIP-003)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Clarke *et al.*
Filed: August 1, 2001
Title: ISOLATION AND USE OF SOLID TUMOR STEM CELLS

Atty. Docket No.: 060173-0014

CERTIFICATE OF MAILING (37 C.F.R. § 1.10)

"Express Mail" Mailing Label Number EL721018377US Date of Deposit August 1, 2001
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Box CPA, Assistant Commissioner for Patents, Washington, DC 20231.

Date: August 1, 2001


John Prince

Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

**SUBMISSION OF PAPER COPY AND COMPUTER-READABLE COPY OF
SEQUENCE LISTING FOR INVENTION CONTAINING NUCLEOTIDE AND/OR
AMINO ACID SEQUENCE**

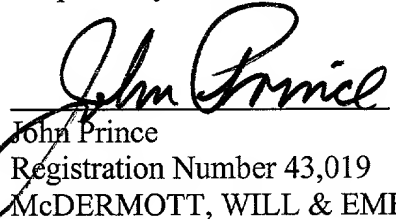
Applicants' representative submits this paper in compliance with the requirements for patent applications containing nucleotide sequences and/or amino acid sequence disclosures. Submitted herewith are:

- ☒ a paper copy of the Sequence Listing for the above-identified patent application with each sequence assigned a separate identifier; and
- ☒ a copy of the Sequence Listing in computer-readable form for the above-identified patent application.

Applicants' undersigned representative hereby states that the content of the computer-readable copy of the Sequence Listing submitted herewith is believed to be the same as the Sequence Listing appearing at the end of the originally-filed specification.

Respectfully submitted,

Date: August 1, 2001


John Prince
Registration Number 43,019
McDERMOTT, WILL & EMERY
28 State Street
Boston, Massachusetts 02109
Tel. (617) 535-4435
Fax: (617) 535-3800